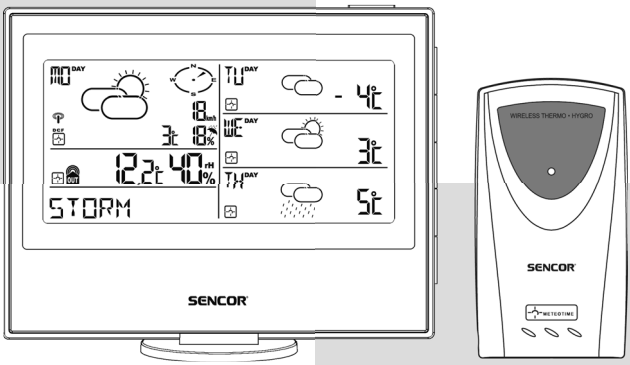
SENCOR®

SWS 101



User‘s manual

Návod k obsluze

Návod na obsluhu

Használati útmutató

Instrukcja obsługi

EN | CZ | SK | HU | PL

PERSONAL METEO CENTRE
WITH WIRELESS THERMO-HYGRO
(4-DAY FORECAST METEOTIME)

METEOROLOGICKÁ STANICE
S BEZDRÁTOVÝM MĚŘENÍM TEPLOTY A VLHKOSTI
(4 DENNÍ PŘEDPOVĚĎ METEOTIME)

METEOROLOGICKÁ STANICA
S BEZDRÔTOVÝM MERANÍM TEPLOTY A VLHKOSTI
(4-DŇOVÁ PREDPOVEĎ METEOTIME)

METEOROLÓGIAI ÁLLOMÁS DRÓTNÉLKÜLI HŐFOK- ÉS
PÁRATARTALOM-MÉRÉSSEL
(4 NAPOS METEOTIME ELŐREJELZÉS)

STACJA POGODOWA Z BEZPRZEWODOWYM POMIAREM
TEMPERATURY I WILGOTNOŚCI
(4-DNIOWA PROGNOZA METEOTIME)

MUST READ BEFORE GETTING STARTED

Your Meteotime Weather Station is different to traditional weather stations which measure the prevailing conditions only, the data of this weather station is based on the METEOTIME which is worked out on a daily basis by highly professional meteorologists using state-of-art instruments.

The Meteotime Weather Station is engineered in such a way that it is able to receive the coded METEOTIME signal containing the weather information. The information is broadcasted via the stations for radio-controlled clocks DCF77 (located in Germany). For this reason, your Meteotime Weather Station is also a radio-controlled clock with all the known advantages, such as always showing the exact time, and automatic change to daylight saving time in winter and in summer.

You are able to receive weather forecasts for 60 meteorological regions within Europe for up to 4 days in advance, and offer a 2-day-advance forecasts for an additional 30 regions.

WHAT DOES IT TAKE TO GET GOOD RECEPTION?

Please read the brochure “Personal Meteo Centre PMC - Important.”.

Watch the symbol GOOD RECEPTION or BAD RECEPTION on the display. Once you have found the right location for GOOD RECEPTION, you may leave the Meteotime Weather Station there, it will collect its data by radio controlled signal. Within a few minutes time and the date will appear. However, the transfer of the very large amount of data (forecast for all regions and days) will take much longer.
To completely receive all data will take up to 24 hours from the time of the initial setup.

FEATURES

This package comes with a main unit which is Meteotime Weather Station, and a remote outdoor Thermo-hygrometer sensor.

This Meteotime Weather Station has equipped the thermo-hygrometer sensor to measure the indoor temperature and humidity, and also has a wireless outdoor thermo-hygrometer sensor to measure the outdoor temperature and humidity.

Key Features:

- Weather Status for today and coming days for 60+30 regions
- Precipitation Probability for Today
- Wind Speed and Wind Direction for Today
- Single channel outdoor 433Mhz wireless Thermo-hygrometer
- Indoor Thermo-hygrometer
- Sunrise and sunset display
- Regional Day-time temperature and Night-time Temperature information. The night temperature for the 4th day will not be displayed.
- Critical Weather Alert
- Radio-controlled Clock and Calendar
- Time-zone setting
- Powered by 4 × AAA batteries for main unit, and 2 AA batteries for the outdoor sensor

INTRODUCTION

The Meteotime Weather Station LCD display shows:

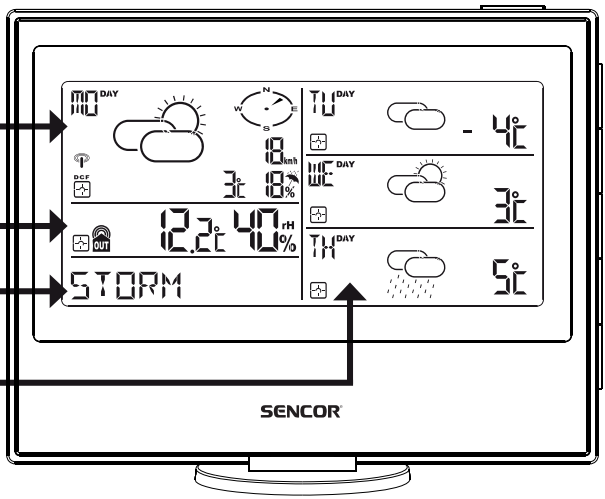
- Today Weather Information Window
- In/Outdoor Temperature & Humidity
- Tomorrow, One-day-after, and Two-day-after Weather Information
- Information Window which shows Time & Date, Sunrise & Sunset, Cities, and Critical Weather Information Description.

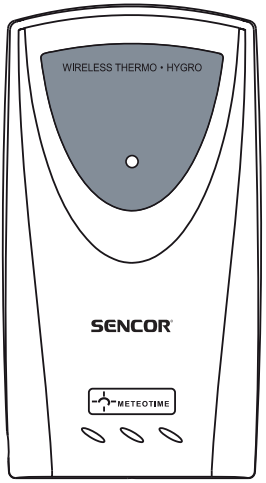
Today Weather Information including Wind Speed, Wind Direction, and the probability of Rain/Snow/Hail, Day & Night Temperature, Day & Night Weather Status.

In/Outdoor Temperature/ Humidity.

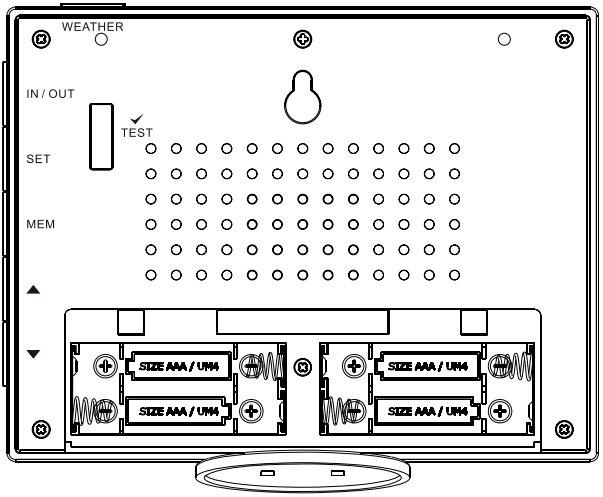
Information Window.

Tomorrow, One-Day-After, and Two-Day-After Weather Information including Day & Night Temperature, Day & Night Weather Status.





Remote Thermo-Hygrometer



Main Unit

There are total 7 buttons on the Main Unit, namely:

SET

- Selected City ⟷ Time + Date ⟷ Sunrise + Sunset
- Each press of [SET] will display the selected City, Time + Date or Sunrise + Sunset
- Press and HOLD [SET] for 3 second to select your <1> Country, <2> Time Zone, <3> Language, <4> Contrast of the LCD display

WEATHER

- Critical Weather Information Time + Date Day/Night Weather Status Change

▲

- increasing the value during setting
- Chose one of the pre-selected cities

▼

- decreasing the value during setting
- Chose one of the pre-selected cities

MEM

- display the maximum and minimum measured Temperature in record
- Press and Hold for 3 second to clear all the Max. and Min. record

TEST √

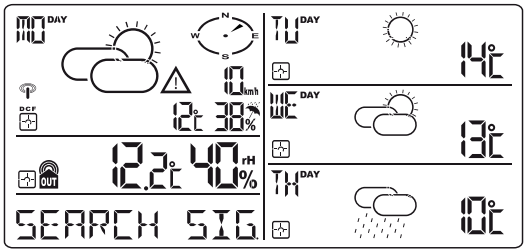
- Find the place for the device which has a good reception
- Add the city into the list of your desired cities OR Remove the city out of the list of desired Cities
- Edit city for forecast

IN / OUT

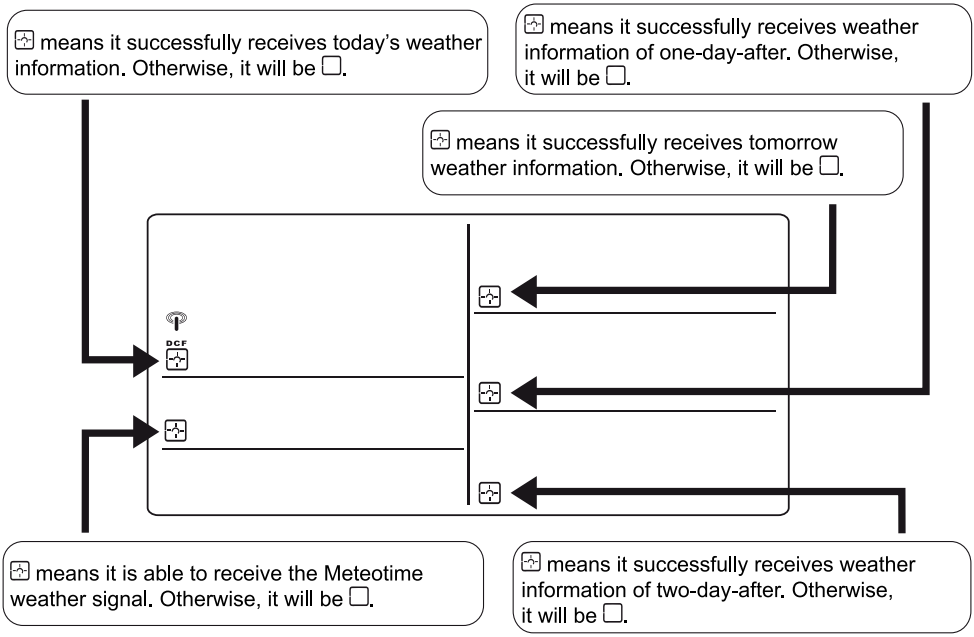
- Switch to read Indoor Thermo-hygrometer ⟷ Outdoor Thermo-hygrometer
- Press and Hold for 3 second to force the main unit to search for the outdoor sensor

GETTING START

- Insert 2 pcs AA batteries for remote sensor, and then insert 4 pcs AAA batteries for the main unit.
- The main unit will automatically scan for the radio-controlled clock signal and the Meteotime Weather signal.



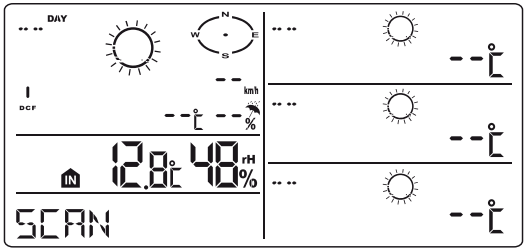
- The time and date will appear in a few minutes. Since there is a large amount of Weather information for all regions and days, the unit needs about 24 hours from the time of the initial setup to complete the reception of all data.
- After the time and the date signal is being received successfully, the display shows **"SELECT COUNTRY"** and then **"FRANKFURT"** as default city in the information window.
  To change the Country and the City please see the information below.
- If the unit is able to receive the Meteotime signal successfully, the Meteotime icon is appeared in the second row of display. Otherwise, the Meteotime will be ☐.



In the event the Meteotime icon change to ☐, that means there are potential sources of interference on the unit. The sources of interference may come from the electronics equipment such as TV-set, computers, household machines etc. It may also be due to lots of concrete, metal parts and electrical equipment in the building. It may also be due to your living area if it is very far away from the Radio-controlled clock tower.

You are able to use the TEST function to look for a better location

- Press TEST button, SCAN is shown in the Information Window.



- Pick the unit to find a good location.
- ☐ flashing: The test is running and the Meteotime signal reception is good.
  You are able to leave the device in this position.
  ☐ flashing: The test is running and the Meteotime signal reception is poor.
  You need to keep on looking for a better location.
- The test lasted for around 1 minute. You can restart the test with the [TEST] key at any time, and also discontinue the test by press the TEST key.

SWITCH CITY <- -> SUNRISE & SUNSET TIME <- -> TIME & DATE

- After inserting the batteries, the weather station searches for the Radio controlled Time signal as well as the MeteoTime signal. After it has successfully received the MeteoTime signal, the display shows in the information window “Select Country”. After a few more minutes, the information windows the default city “FRANKFURTM”.
- You are able to press [SET] to switch from the display of the City to Sunrise & Sunset time OR Time & Date for Frankfurt am Main.

SELECT THE COUNTRY AND THE CITIES

Please note: The key [SET] must no be pressed to strong, i.e. press it only to the first “click”. If yoit is pressed too firmly, you may feel a 2nd “click”. In such a case, the setting function will not work.

- Press and Hold [SET] for 3 seconds, in the information window COUNTRY is shown, and then press [▲] or [▼] to select the country. For example: If you see in the information window DEUTSCHLAND, that means you have selected “Germany”.
- Press [SET] to confirm the Country. Assuming you have selected Germany, then the information window will show CITY.
- Then, press [▲] or [▼] to select the city, and the city name will be shown in the information window. Example: FRANKFURTM means the city of ‘Frankfurt am Main’

Press now [SET] to accept the setting. From now on, the selected city will now be shown in the information window.

ACTIVATE FAVOURITES

Once you have set your city as described above, you may select more cities for easy access. Instead of terminating the setting with the key [SET], you continue as follows:

- If ‘Frankfurt am Main’ is your selection as one of your favourite cities, then press [TEST √] to confirm. A √ will be shown on top of your selected city, and it will be stored into your personal memory list.
- Now you may press [▲] or [▼] to select more cities in the same country, and then press [TEST √] to confirm.
- If you wish to select cities from different countries, you have to exit the setting with [SET] and re-enter it again as described above in order to change the country

You may select maximum FIVE cities as favourites. If you want to add more cities, then MEMFULL will show in the Information Window.

When all settings are done, press [SET] to confrim and exit the setting mode.

***REMARK**: If, after inserting the batteries the first time, you are skipping the city selection, the product will select by default “Frankfurt am Main” as your selected city.*

DISPLAY OF FAVOURITES

If you have selected more than one city as favourite, as an example Frankfurt am Main, Paris and Stockholm, then you are able to scroll through these cities by pressing [▲] or [▼] when the Information Window shows the CITY NAME (Press SET until it displays the City Name).

REMOVE A CITY FROM THE LIST OF FAVOURITES

- Press and Hold [SET] for 3 seconds, COUNTRY is shown in the Information Window, then press [▲] or [▼] to select the country.
- Press [SET] key to confirm the Country
- Then, press [▲] or [▼] to go to your selected city with the √
- Press [TEST] to remove the √. Now this city is removed from the favourites
- Repeat this if you wish to remove more cities from your list
- Now you may also press [▲] or [▼] to select another favourite city.

Once you have made all your changes, press [SET] to quit. EXIT will be shown in the information window. After 4 seconds, it will go to the City-Date-Time Mode.

PERSONALIZED A PLACE NAME

- Press and Hold [SET] for 3 second. In the information window, COUNTRY is shown, and then press [▲] or [▼] key to select the country. Let's said you have selected the country Germany which is represented in D/GER.
- Press [SET] key to confirm the Country (let's said we select Germany right now), and then the information window will show CITY.
- Then, press [▲] or [▼] key to select the city, and the city name will be shown in the information window such as FRANKFURTM means me city 'Frankfurt am Main', and you would like to enter a new city which is near the region of Frankfurt am Main.
- Press the 'MEM' key; a *cursor flashes* on the first position of the Information Window

Then following input commands then apply:

KEY	Function
‚▲' or '▼' SET	Selection of a letter <1> Accept the selected letter and jumps to the next position. OR <2> If you have not entered any letter (in other words, if only the cursor is flashing at the last position), confirm the entry with this key and your place will also be included in the memory with immediate effect
TEST	One position back in the data entry process

** The place that you have selected to enter your own description will still exist under its own name.

- Press [SET] key to confirm and exit

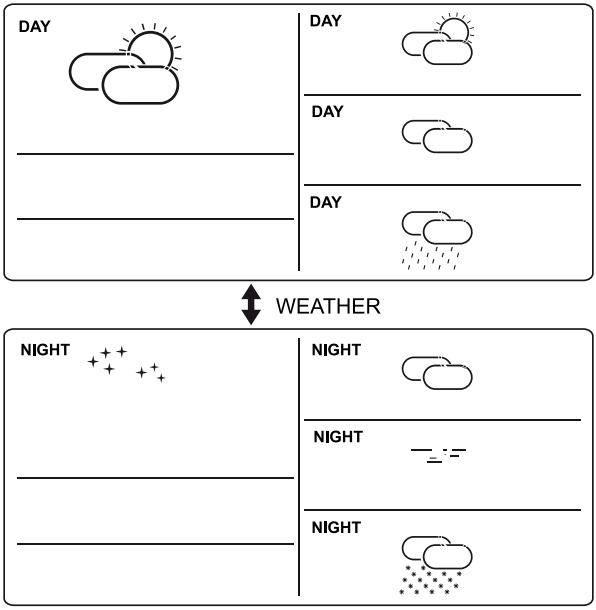
SET THE TIME ZONE, LANGUAGE and CONTRAST

- Press and Hold [SET] for 3 second, COUNTRY is shown in the Information Window.
- Press [SET] again, then ZONE +00HR is shown in the Information Window, press [▲] or [▼] key to adjust the time zone.
- Press [SET] again, then the language will be shown in the Information Window, press [▲] or [▼] key to select your desired language. There are total seven language for selection, namely German, English, Spanish, French, Italiano, Dutch, Swedish.
- Press [SET] again, then is shown in the Information Window CONTRAST, 3, press [▲] or [▼] key to adjust the LCD contrast Level.
- Press [SET] again EXIT and will be shown at the information window. After 4 seconds, it will change to the City-Date-Time Mode.

REMARK: *If you do not have any selection into the Setup mode up to 60 seconds, it will automatically exit the setup mode. The Information Window will show City / Sunrise & Sunset Tone / Time & Date.*

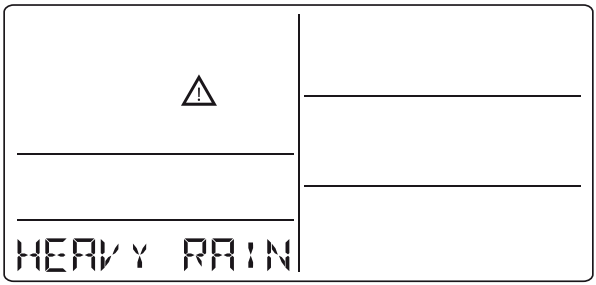
SWITCH DAY WEATHER INFORMATION <- -> NIGHT WEATHER

The device is able to base on the SUNRISE time and SUNSET time to automatically switch to DAY-WEATHER and NIGHT-WEATHER respectively. The unit is preset to show DAY-WEATHER after sunrise time, and NIGHT-WEATHER after SUNSET time. The user can press the WEATHER button to see the DAY-Weather (for 10-second period) if currently show the NIGHT-WEATHER, or vice verse.

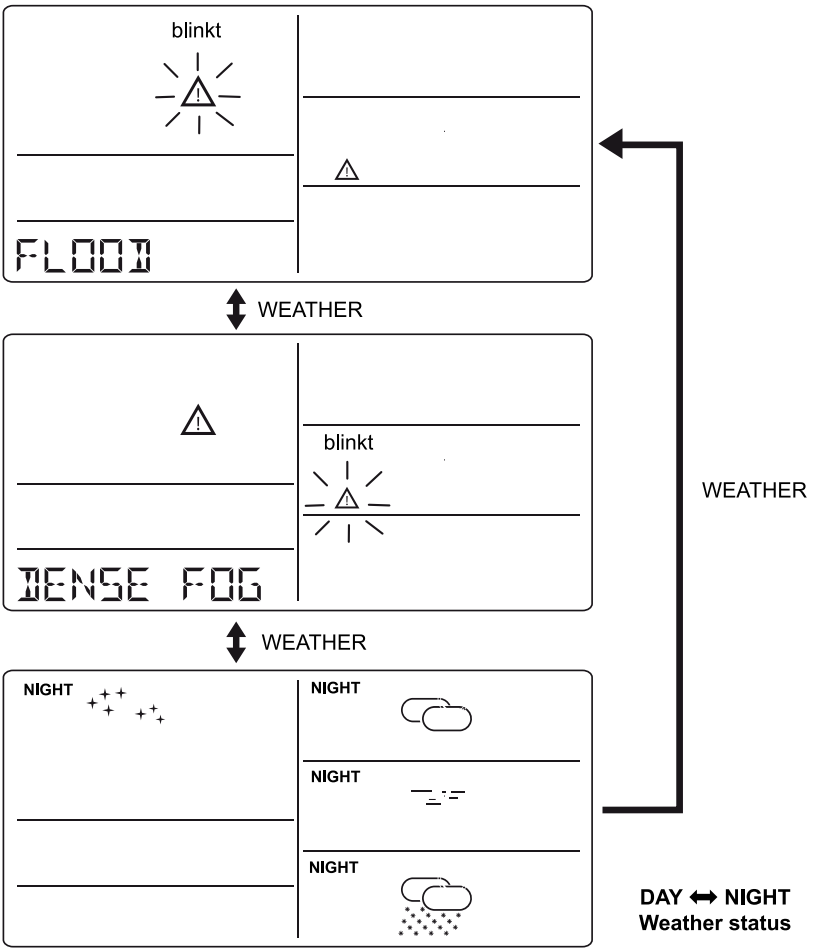


CRITICAL WEATHER INFORMATION

Meteotime Weather signal contains the Critical Weather Information such as Gust, Frozen Rain, Heavy Snow, Thunder, Strong UV, Dense Fog, Bise, Mistral, etc. for today and coming three days. A critical weather alert signal ⚠ will be turned on in case that day has critical weather that the user must know.



Sometimes there are more than one critical weather information in the 4-days. Press WEATHER key to read the critical weather information one by one. The special icon of the day will be flashed when you read the Information.



- Press [SET] key to go back to the display of CITY ⟷ SUNRISE & SUNSET TIME ⟷ TIME & DATE. If you would like to read the Weather Information in the information window, then press WEATHER Key to display DAY ⟷ NIGHT Weather information and also the Critical Weather Information.

If no key is pressed, the critical weather information will be toggle to display, so as to make sure you are aware of the critical weather details.

INDOOR / OUTDOOR TEMPERATURE AND HUMITIDY READING

- Press [IN/OUT] keys to switch the reading of indoor or outdoor temperature and humidity reading §§§

- Press [MEM] key to read the record of the maximum and minimum temperature
- Press and Hold [MEM] key to CLEAR the record of the maximum and minimum temperature

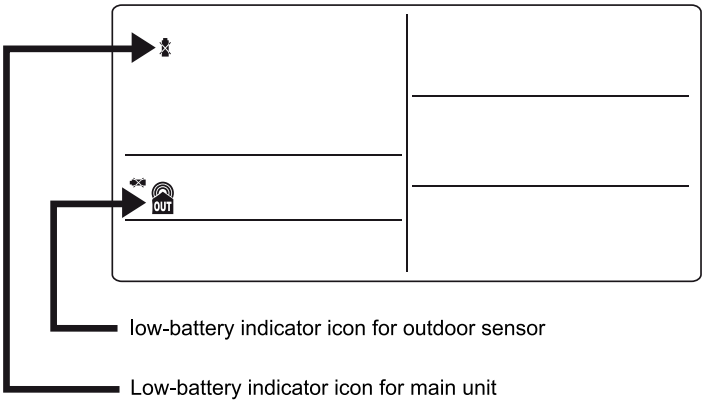
LINKING THE OUTDOOR THERMO-HYGROMETER SENSOR WITH MAIN UNIT IF SIGNAL LOSS

If the Main unit cannot receive the outdoor sensor signal, the outdoor signal icon will change to OUT.

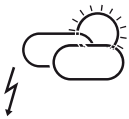
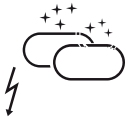
- Press and Hold [IN/OUT] button for 3 second, and then the wave icon will be flashed. If the signal has been received again, the outdoor signal icon will be OUT.

LOW BATTERY INDICATION

When it is time to replace batteries, the respective low-battery indicator (see graphics) will appear next to the weather forecast for the display unit or next to the outdoor temperature for the outside sensor.



Significance	Day	Night
Sunny (Clear at night)		
Light Cloudy		
Mostly Cloudy		
Overcast		
Stratus Clouds		
Fog		
Showers		
Light Rain		

Significance	Day	Night
Heavy Rain		
Frontal Storms		
Heat Storms		
Sleet Showers		
Snow Showers		
Sleet		
Snow		

CITIES

The memory contains information about a total of 470 cities.
For cities with an * in their name, only a 2-day weather forecast will be available.

CITY NAME	CITY NAME in the information window	COUNTRY NAME	REGION
ANDORRA LA VELLA*	AND.LA.VELL*	ANDORRA	70
ST POLTĚN	ST.PÓLTEN	AU/AUSTRIA	50
BISCHOFSHOFEN	BISCHOFSHO	AU/AUSTRIA	48
BREGENZ	BREGENZ	AU/AUSTRIA	48
EISENSTADT	EISENSTADT	AU/AUSTRIA	49
GRAZ	GRAZ	AU/AUSTRIA	46
INNSBRUCK	INNSBRUCK	AU/AUSTRIA	47
KITZBÚHEL	KITZBÚHEL	AU/AUSTRIA	48
KLAGENFURT	KLAGENFURT	AU/AUSTRIA	46
LANDECK	LANDECK	AU/AUSTRIA	47
LIENZ	LIENZ	AU/AUSTRIA	46
LINZ	LINZ	AU/AUSTRIA	26
SALZBURG	SALZBURG	AU/AUSTRIA	48
SCHLADMING	SCHLADMING	AU/AUSTRIA	48
VTLLACH	VILLACH	AU/AUSTRIA	46
WELS	WELS	AU/AUSTRIA	26
WIEN	WIEN	AU/AUSTRIA	49
ZELTWEG	ZELTWEG	AU/AUSTRIA	46
ZWETTL	ZWETTL	AU/AUSTRIA	50
ANTWERPEN	ANTWERPEN	B/BELGIUM	6
BRUGGE	BRUGGE	B/BELGIUM	6
BRUSSEL	BRUSSEL	B/BELGIUM	6
CHARLEROI	CHARLEROI	B/BELGIUM	6
GENT	GENT	B/BELGIUM	6
LIEGE	LIEGE	B/BELGIUM	6
NAMUR	NAMUR	B/BELGIUM	6
VERVTERS	VERVIERS	B/BELGIUM	13
ST.GALLEN	ST.GALLEN	CH/SUISSE	35
AARAU	AARAU	CH/SUISSE	32
ADELBODEN	ADELBODEN	CH/SUISSE	33
ALTDORF	ALTDORF	CH/SUISSE	35
BASEL	BASEL	CH/SUISSE	45

BELLINZONA	BELLINZONA	CH/SUISSE	38
BERN	BERN	CH/SUISSE	32
BIENNE	BIENNE	CH/SUISSE	32
BRIG	BRIG	CH/SUISSE	34
CHUR	CHUR	CH/SUISSE	36
DAVOS	DAVOS	CH/SUISSE	36
DELEMONT	DELEMONT	CH/SUISSE	11
FRAUENFELD	FRAUENFELD	CH/SUISSE	32
FRIBOURG	FRIBOURG	CH/SUISSE	31
GENE VE	GENEVE	CH/SUISSE	31
GLARUS	GLARUS	CH/SUISSE	35
GRINDELWALD	GRINDELWLD	CH/SUISSE	33
INTERLAKEN	INTERLAKEN	CH/SUISSE	33
LA CHAUX-DE-FONDS	LACHAUX-D.F	CH/SUISSE	11
LAUSANNE	LAUSANNE	CH/SUISSE	31
LIESTAL	LIESTAL	CH/SUISSE	45
LOCARNO	LOCARNO	CH/SUISSE	38
LUGANO	LUGANO	CH/SUISSE	38
LUZERN	LUZERN	CH/SUISSE	32
MARTIGNY	MARTIGNY	CH/SUISSE	34
MONTREUX	MONTREUX	CH/SUISSE	31
NEUCHATEL	NEUCHATEL	CH/SUISSE	31
SAMEDAN*	SAMEDAN*	CH/SUISSE	86
SARNEN	SARNEN	CH/SUISSE	35
SCHAFFHAUSEN	SCHAFFHAUS.	CH/SUISSE	32
SCHWYZ	SCHWYZ	CH/SUISSE	35
SIÓN	SIÓN	CH/SUISSE	34
SOLOTHURN	SOLOTHURN	CH/SUISSE	32
STANS	STANS	CH/SUISSE	35
ZERMATT*	ZERMATT*	CH/SUISSE	88
ZUG	ZUG	CH/SUISSE	32
ZÚRICH	ZÚRICH	CH/SUISSE	32
BRNO	BRNO	CZ/CZ REP	50
ČESKÉ BUDĚJOVICE	BUDEJOVICE	CZ/CZ REP	50
CHEB	CHEB	CZ/CZ REP	50
DĚČÍN	DECIN	CZ/CZ REP	51
HAVLÍČKŮV BROD	HAVLBROD	CZ/CZ REP	50

HRADEC KRÁLOVÉ	HRADEC/KRA	CZ/CZ REP	50
OLOMOUC	OLOMOUC	CZ/CZ REP	50
OSTRAVA	OSTRAVA	CZ/CZ REP	50
PLZEŇ	PLZEN	CZ/CZ REP	50
PRAHA	PRAHA	CZ/CZ REP	50
TEPLICE	TEPLICE	CZ/CZ REP	51
AACHEN	AACHEN	D/GER	14
AALEN	AALEN	D/GER	59
ANSBACH	ANSBACH	D/GER	28
AUGSBURG	AUGSBURG	D/GER	25
BAD_TÓLZ	BADTOLZ	D/GER	48
BAYREUTH	BAYREUTH	D/GER	28
BERCHTESGADEN	BERCHTESGA	D/GER	48
BERLIN	BERLIN	D/GER	52
BIELEFELD	BIELEFELD	D/GER	14
BITBURG	BITBURG	D/GER	13
BORKUM	BORKUM	D/GER	19
BŘEMEN	BŘEMEN	D/GER	22
BREMERHAVEN	BREMERHAVN	D/GER	19
BURGHAUSEN	BURGHAUSEN	D/GER	26
COTTBUS	COTTBUS	D/GER	29
CUXHAVEN	CUXHAVEN	D/GER	19
DONAUESCHTNGEN	DONAUESCH.	D/GER	57
DORTMUND	DORTMUND	D/GER	14
DRESDEN	DRESDEN	D/GER	29
DUISBURG	DUISBURG	D/GER	14
DUSSELDORF	DÚSSELDORF	D/GER	14
EISENACH	EISENACH	D/GER	30
EMDEN	EMDEN	D/GER	19
ERFURT	ERFURT	D/GER	30
ESSEN	ESSEN	D/GER	14
FEHMARN	FEHMARN	D/GER	24
FLENSBURG	FLENSBURG	D/GER	24
FRANKFURT AM MAIN	FRANKFURT.M	D/GER	12
FRANKFURT AN DER ODER	FRANKFURT.O	D/GER	52
FREEBURG	FREIBURG	D/GER	45
FREUDENSTADT	FREUDENST.	D/GER	57

FRIEDRICHSHAFEN	FRIEDRI.HFN	D/GER	26
FULDA	FULDA	D/GER	37
GARMISCH	GARMISCHP	D/GER	48
PATENKIRCHEN			
GIESSEN	GIESSEN	D/GER	37
GORLITZ	GORLITZ	D/GER	29
GOSLAR	GOSLAR	D/GER	22
GOTTINGEN	GOTTINGEN	D/GER	37
GREEFSWALD	GREIFSWALD	D/GER	24
HAGEN	HAGEN	D/GER	13
HALLE	HALLE	D/GER	29
HAMBURG	HAMBURG	D/GER	19
HANNOVER	HANNOVER	D/GER	22
HEILBRONN	HEILBRONN	D/GER	59
HILDESHEIM	HILDESHEIM	D/GER	22
HOF	HOF	D/GER	30
INGOLSTADT	INGOLSTADT	D/GER	25
JENA	JENA	D/GER	30
KAISERSLAUTERN	KAISERSLAU	D/GER	12
KARLSRUHE	KARLSRUHE	D/GER	12
KASSEL	KASSEL	D/GER	37
KEMPTEN	KEMPTEN	D/GER	26
KIEL	KIEL	D/GER	24
KOBLENZ	KOBLENZ	D/GER	13
KÓLN	KÓLN	D/GER	14
KONSTANZ	KONSTANZ	D/GER	32
LANDSHUT	LANDSHUT	D/GER	25
LEIPZIG	LEIPZIG	D/GER	29
LINDAU	LINDAU	D/GER	48
LINGEN	LINGEN	D/GER	14
LÓRRACH	LÓRRACH	D/GER	45
LÚBECK	LÚBECK	D/GER	24
LÚNEBURG	LÚNEBURG	D/GER	22
MAGDEBURG	MAGDEBURG	D/GER	22
MAINZ	MAINZ	D/GER	12
MANNHEIM	MANNHEIM	D/GER	12
MÚNCHEN	MÚNCHEN	D/GER	26

MŮNSTER	MÚNSTER	D/GER	14
NEUBRANDENBURG	NEUBR.BURG	D/GER	52
NÚRNBERG	NÚRNBERG	D/GER	28
OFFENBURG	OFFENBURG	D/GER	45
OLDENBURG	OLDENBURG	D/GER	22
OSNABRÚCK	OSNABRÚCK	D/GER	14
PASSAU	PASSAU	D/GER	25
PFORZHEIM	PFORZHEIM	D/GER	59
PLAUEN	PLAUEN	D/GER	30
POTSDAM	POTSDAM	D/GER	52
REGENSBURG	REGENSBURG	D/GER	25
ROSENHEIM	ROSENHEIM	D/GER	26
ROSTOCK	ROSTOCK	D/GER	24
RŮGEN	RÚGEN	D/GER	24
SAARBRÚCKEN	SAARBRÚCKE	D/GER	13
SIEGEN	SIEGEN	D/GER	13
SIGMARINGEN	SIGMARINGE	D/GER	26
SPIEKEROOG	SPIEKEROOG	D/GER	19
STPETERORDING	STPETERO	D/GER	19
STUTTGART	STUTTGART	D/GER	59
SYLT	SYLT	D/GER	19
TRIER	TRIER	D/GER	13
TÚBINGEN	TÚBINGEN	D/GER	59
ULM	ULM	D/GER	25
VILLENGEN- SCHWENNINGEN	VILL.-SCHWE.	D/GER	57
WEIDEN	WEIDEN	D/GER	28
WERTHEIM	WERTHEIM	D/GER	28
WILHELMSHAVEN	WILHELMSHA	D/GER	19
WUPPERTAL	WUPPERTAL	D/GER	14
WÚRZBURG	WÚRZBURG	D/GER	28
ZWICKAU	ZWICKAU	D/GER	30
ALBORG	ALBORG	DK/DENMARK	20
ARHUS	ARHUS	DK/DENMARK	21
BORNHOLM	BORNHOLM	DK/DENMARK	55
ESBJERG	ESBJERG	DK/DENMARK	20
HERNING	HERNING	DK/DENMARK	20

K0BENHAVN	K0BENHAVN	DK/DENMARK	23
NYKOPING	NYKOPING	DK/DENMARK	54
ODENSE	ODENSE	DK/DENMARK	21
RONNE	RONNE	DK/DENMARK	55
SKAGEN	SKAGEN	DK/DENMARK	20
THYBOR0N	THYBOR0N	DK/DENMARK	20
BARCELONA*	BARCELONA*	ES/SPAIN	69
BILBAO*	BILBAO*	ES/SPAIN	65
FIGUERES*	FIGUERES*	ES / SPAIN	69
GIJON*	GUON*	ES / SPAIN	74
GIRONA*	GIRONA*	ES / SPAIN	69
IBIZA*	IBIZA*	ES/SPAIN	67
LLORET DE MAR*	LLORET D.MA*	ES/SPAIN	69
MADRID*	MADRID*	ES/SPAIN	64
MAHON*	MAHON*	ES/SPAIN	67
PALMA DE MALLORCA*	PALMA-D.MA*	ES / SPAIN	67
SEVILLA*	SEVILLA*	ES / SPAIN	71
VALENCIA*	VALENCIA*	ES / SPAIN	68
VADUZ	VADUZ	FL/LICHTEN	48
AGEN	AGEN	FRANCE	0
AJACCIO*	AJACCIO*	FRANCE	73
ALBI	ALBI	FRANCE	5
ALENCON	ALENCON	FRANCE	2
ALES	ALES	FRANCE	8
AMIENS	AMIENS	FRANCE	17
ANGERS	ANGERS	FRANCE	3
ANGOULEME	ANGOULEME	FRANCE	1
ANNECY	ANNECY	FRANCE	11
AUCH	AUCH	FRANCE	0
AURILLAC	AURILLAC	FRANCE	4
AUXERRE	AUXERRE	FRANCE	2
AVIGNON	AVIGNON	FRANCE	8
BARLEDUC	BARLEDUC	FRANCE	2
BASTIA*	BASTIA*	FRANCE	73
BEAUVAIS	BEAUVAIS	FRANCE	17
BELFORT	BELFORT	FRANCE	45
BESANCON	BESANCON	FRANCE	11

BEZIERS	BEZIERS	FRANCE	5
BLOIS	BLOIS	FRANCE	2
BOBIGNY	BOBIGNY	FRANCE	2
BORDEAUX	BORDEAUX	FRANCE	0
BOULOGNE	BOULOGNE	FRANCE	6
BOURGENB	BOURGENB	FRANCE	9
BOURGES	BOURGES	FRANCE	2
BREST	BREST	FRANCE	3
BRIANCON	BRIANCON	FRANCE	10
BRTVE LA GAILLARDE	BRIVE-L-GA	FRANCE	0
CAEN	CAEN	FRANCE	17
CAHORS	CAHORS	FRANCE	0
CANNES	CANNES	FRANCE	43
CARCASSONN	CARCASSONN	FRANCE	5
CERGYPONT	CERGYPONT	FRANCE	2
CHAMBERY	CHAMBERY	FRANCE	10
CHARTRES	CHARTRES	FRANCE	2
CHAUMONT	CHAUMONT	FRANCE	7
CHERBOURG	CHERBOURG	FRANCE	3
CLERMON FERRAND	CLERMON-FE	FRANCE	4
COLMAR	COLMAR	FRANCE	45
CRETEIL	CRETEIL	FRANCE	2
DIGNE	DIGNE	FRANCE	10
DIJON	DUON	FRANCE	7
EPINAL	EPINAL	FRANCE	7
EVTAN	EVIAN	FRANCE	31
EVREUX	EVREUX	FRANCE	17
EVRY	EVRY	FRANCE	2
FLORAC	FLORAC	FRANCE	4
FOIX	FOIX	FRANCE	5
GAP	GAP	FRANCE	10
GRENOBLE	GRENOBLE	FRANCE	10
GUERET	GUERET	FRANCE	4
LAROCHELL	LA ROCHELL	FRANCE	1
LAROCHES	LAROCHES	FRANCE	1
LAON	LAON	FRANCE	17
LAVAL	LAVAL	FRANCE	3

LEHAVRE	LEHAVRE	FRANCE	17
LE MANS	LEMANS	FRANCE	2
LILLE	LILLE	FRANCE	6
LIMOGES	LIMOGES	FRANCE	1
LONSLES	LONSLES	FRANCE	7
LORIENT	LORIENT	FRANCE	3
LYON	LYON	FRANCE	9
MACON	MACON	FRANCE	9
MARSEILLE	MARSEILLE	FRANCE	8
MELUN	MELUN	FRANCE	2
MENDE	MENDE	FRANCE	4
METZ	METZ	FRANCE	7
MILLAU	MILLAU	FRANCE	4
MONTMARSAN	MONTDEMA	FRANCE	0
MONTAUBAN	MONTAUBAN	FRANCE	0
MONTELIMAR	MONTELIMAR	FRANCE	8
MONTLUCON	MONTLUCON	FRANCE	4
MONTPELLIER	MONTPELLIE	FRANCE	5
MULHOUSE	MULHOUSE	FRANCE	45
NANCY	NANCY	FRANCE	7
NANTERRE	NANTERRE	FRANCE	2
NANTES	NANTES	FRANCE	3
NEVERS	NEVERS	FRANCE	2
NICE	NICE	FRANCE	43
N1MES	NIMES	FRANCE	8
NIORT	NIORT	FRANCE	1
ORLEANS	ORLEANS	FRANCE	2
PARIS	PARIS	FRANCE	2
PAU	PAU	FRANCE	0
PERIGUEUX	PERIGUEUX	FRANCE	0
PERPIGNAN	PERPIGNAN	FRANCE	5
POITIERS	POITIERS	FRANCE	1
PRIVAS	PRTVAS	FRANCE	8
PUY_VELAY	PUYENVEL	FRANCE	4
REIMS	REIMS	FRANCE	2
RENNES	RENNES	FRANCE	3
RODEZ	RODEZ	FRANCE	4

ROUEN	ROUEN	FRANCE	17
SEDAN	SEDAN	FRANCE	13
STBRIEUC	STBRIEUC	FRANCE	3
STFLOUR	STFLOUR	FRANCE	4
ST TROPEZ	ST TROPEZ	FRANCE	8
ST-ETffiNNE	ST-ETIENNE	FRANCE	4
STRASBOURG	STRASBOURG	FRANCE	45
TARBES	TARBES	FRANCE	0
TOULON	TOULON	FRANCE	8
TOULOUSE	TOULOUSE	FRANCE	0
TOURS	TOURS	FRANCE	2
TROYES	TROYES	FRANCE	2
VALENCE	VALENCE	FRANCE	9
VERSAILLES	VERSAILLES	FRANCE	2
VESOUL	VESOUL	FRANCE	7
BUDAPEŠŤ*	BUDAPEŠŤ*	H/HUNGARY	63
DEBRECEN*	DEBRECEN*	H/HUNGARY	63
GYÓR	GYÓR	H/HUNGARY	49
MISKOLC*	MISKOLC*	H/HUNGARY	63
PECS*	PECS*	H/HUNGARY	63
SIOFOK*	SIOFOK*	H/HUNGARY	63
SZEGED*	SZEGED*	H/HUNGARY	63
SZOLNOK*	SZOLNOK*	H/HUNGARY	63
TATABANYA*	TATABANYA*	H/HUNGARY	63
OSUEK*	OSUEK*	HR/CROATIA	87
RUEKA	RUEKA	HR/CROATIA	44
SPLIT*	SPLIT*	HR/CROATIA	89
ZAGREB*	ZAGREB*	HR/CROATIA	87
ALESSANDRIA	ALESSANDRI	1/ITALY	40
ANCONA*	ANCONA*	1/ITALY	61
AOSTA	AOSTA	I / ITALY	39
BARI*	BARI*	I / ITALY	62
BERGAMO	BERGAMO	I / ITALY	40
BOLOGNA	BOLOGNA	I / ITALY	44
BOLZANO	BOLZANO	1/ITALY	27
BRESCIA	BRESCIA	1/ITALY	40
CAGLIARI*	CAGLIARI*	1/ITALY	73

CATANIA*	CATANIA*	1/ITALY	66
COSENZA*	COSENZA*	I / ITALY	66
EDOLO	EDOLO	I / ITALY	38
FIRENZE	FIRENZE	I / ITALY	41
FOGGIA*	FOGGIA*	I / ITALY	62
GENOVÁ	GENOVÁ	1/ITALY	43
LASPEZIA	LASPEZIA	1/ITALY	43
LECCE*	LECCE*	I / ITALY	62
MERANO	MERANO	I / ITALY	27
MESSINA*	MESSINA*	I / ITALY	66
MILANO	MILANO	1/ITALY	40
NAPOU*	NAPOLI*	1/ITALY	60
PALERMO*	PALERMO*	1/ITALY	66
PARMA	PARMA	I / ITALY	40
PERUGIA	PERUGIA	I / ITALY	41
PESCARA*	PESCARA*	I / ITALY	61
PIACENZA	PIACENZA	I / ITALY	40
PISA	PISA	1/ITALY	41
REGGIO CALABRIA*	R. CALABRIA*	1/ITALY	66
RIMTNT	RTMINI	I / ITALY	44
ROMA	ROMA	1/ITALY	41
SANMARINO*	SAN_MARIN*	I / ITALY	61
SANREMO	SANREMO	I / ITALY	43
SASSARI*	SASSARI*	1/ITALY	73
SESTRIERE	SESTRIERE	1/ITALY	39
SIENA	SIENA	1/ITALY	41
TORINO	TORINO	I / ITALY	40
TRENTO	TRENTO	I / ITALY	27
TRIESTE	TRIESTE	I / ITALY	44
UDINE	UDINE	I / ITALY	44
VENEZIA	VENEZIA	1/ITALY	44
VERONA	VERONA	1/ITALY	40
CORK*	CORK*	IRELAND	75
DUBLIN*	DUBLIN*	IRELAND	76
GALWAY*	GALWAY*	IRELAND	75
LIMERICK*	LIMERICK*	IRELAND	75
LUXEMBOURG	LUXEMBOURG	LUX	13

MONACO	MONACO	MONACO	43
BERGEN*	BERGEN*	N/NORWAY	78
DRAMMEN	DRAMMEN	N/NORWAY	58
FREDRIKSTADEN	FREDRIKST.	N/NORWAY	58
OSLO	OSLO	N/NORWAY	58
STAVANGER*	STAVANGER*	N/NORWAY	78
T0NSBERG	T0NSBERG	N/NORWAY	58
TRONDHEIM*	TRONDHEIM*	N/NORWAY	79
AMSTERDAM	AMSTERDAM	NL/NETHERL	42
ARNHEM	ARNHEM	NL/NETHERL	42
ASSEN	ASSEN	NL/NETHERL	42
DEN HAAG	DEN HAAG	NL/NETHERL	42
DEN HELDER	DEN HELDER	NL/NETHERL	19
EINDHOVEN	EINDHOVEN	NL/NETHERL	42
GRONINGEN	GRONINGEN	NL/NETHERL	19
HAARLEM	HAARLEM	NL/NETHERL	42
LE EUWARDEN	LEEUWARDEN	NL/NETHERL	19
LELYSTAD	LELYSTAD	NL/NETHERL	42
MAASTRICHT	MAASTRICHT	NL/NETHERL	6
MIDDELBURG	MIDDELBURG	NL/NETHERL	6
ROTTERDAM	ROTTERDAM	NL/NETHERL	42
S.HERTOGENBOSCH	S.HERTOGENB	NL/NETHERL	42
TERNEUZEN	TERNEUZEN	NL/NETHERL	6
TEXEL	TEXEL	NL/NETHERL	19
UTRECHT	UTRECHT	NL/NETHERL	42
ZWOLLE	ZWOLLE	NL/NETHERL	42
LISBOA*	LISBOA*	P/PORTUGAL	72
BIALYSTOK*	BIALYSTOK*	PL/POLAND	82
BIELSKO*	BIELSKO*	PL/POLAND	83
GDAŃSK*	GDAŃSK*	PL/POLAND	81
KATOWTCE*	KATOWICE*	PL/POLAND	83
KJELCE*	KTELCE*	PL/POLAND	83
KRAKOW*	KRAKOW*	PL/POLAND	83
LODŽ*	LODŽ*	PL/POLAND	82
LUBLIN*	LUBLIN*	PL/POLAND	82
OLSZTYN*	OLSZTYN*	PL/POLAND	81
POZNÁN	POZNÁN	PL/POLAND	52

RZESZOW*	RZESZOW*	PL/POLAND	83
SZCZECIN*	SZCZECIN*	PL/POLAND	63
TORUN*	TORUN*	PL/POLAND	82
WALBRZYCH	WALBRZYCH	PL/POLAND	51
WARSZAWA*	WARSZAWA*	PL/POLAND	82
WROCLAW	WROCLAW	PL/POLAND	29
ZAKOPANÉ*	ZAKOPANÉ*	PL/POLAND	83
BORAS	BORAS	S/SWEDEN	56
BORGHOLM	BORGHOLM	S/SWEDEN	55
FALUN*	FALUN*	S/SWEDEN	85
GÁVLE	GÁVLE	S/SWEDEN	54
GOTEBORG	GOTEBORG	S/SWEDEN	53
HALM STÁD	HALMSTAD	S/SWEDEN	53
JÓNKÓPING	JÓNKÓPING	S/SWEDEN	56
KALMAR	KALMAR	S/SWEDEN	55
KARLSTAD	KARLSTAD	S/SWEDEN	56
LINKÓPING	LINKÓPING	S/SWEDEN	55
MALMÓ	MALMÓ	S/SWEDEN	23
OREBRO	OREBRO	S/SWEDEN	56
ÓSTERSUND*	ÓSTERSUND*	S/SWEDEN	85
STOCKHOLM	STOCKHOLM	S/SWEDEN	54
SUNDSVALL*	SUNDSVALL*	S/SWEDEN	80
UMEA*	UMEA*	S/SWEDEN	84
UPPSALA	UPPSALA	S/SWEDEN	54
VÁSTERAS	VÁSTERAS	S/SWEDEN	54
VISBY	VISBY	S/SWEDEN	55
BRANSKA*	BRANSKA*	SK/SLOVAKI	63
BRATISLAVA	BRATISLAVA	SK/SLOVAKI	49
KOSICE*	KOSICE*	SK/SLOVAKI	63
TRENČÍN	TRENČÍN	SK/SLOVAKI	49
LJUBLJANA	LJUBLJANA	SLOVENIA	46
MARTBOR	MARIBOR	SLOVENIA	46
NOVA GORIC	NOVA GORIC	SLOVENIA	44
ABERDEEN*	ABERDEEN*	UK	77
BELFAST*	BELFAST*	UK	76
BIRMENGHAM	BIRMINGHAM	UK	16
BLACKPOOL	BLACKPOOL	UK	16

BOURNEMOUT	BOURNEMOUT	UK	18
BRIGHTON	BRIGHTON	UK	18
BRISTOL	BRISTOL	UK	15
CAMBRIDGE	CAMBRIDGE	UK	18
CARDIFF	CARDIFF	UK	15
DOVER	DOVER	UK	18
EDINBURGH*	EDINBURGH*	UK	77
EXETER	EXETER	UK	15
GLASGOW*	GLASGOW*	UK	77
HOLYHEAD	HOLYHEAD	UK	15
IPSWICH	IPSWICH	UK	18
ISLEOFMAN*	ISLEOMA*	UK	77
JERSEY	JERSEY	UK	3
KINGSTON	KINGSTON	UK	18
LEEDS	LEEDS	UK	16
LEICESTER	LEICESTER	UK	16
LIVERPOOL	LIVERPOOL	UK	16
LONDON	LONDON	UK	18
MANCHESTER	MANCHESTER	UK	16
MIDDLESBROUGH	MIDDLESBRO	UK	16
NEWCASTLE	NEWCASTLE	UK	16
NORTHAMPTON	NORTHAMPTO	UK	18
NORWICH	NORWICH	UK	18
NOTTINGHAM	NOTTINGHAM	UK	16
OXFORD	OXFORD	UK	18
PLYMOUTH	PLYMOUTH	UK	15
PORTSMOUTH	PORTSMOUTH	UK	18
READING	READING	UK	18
SHEFFIELD	SHEFFIELD	UK	16
SOUTHAMPTON	SOUTHAMPTO	UK	18
STDAV1DS	STDAVIDS	UK	15
SWANSEA	SWANSEA	UK	15
VATICANO	VATICANO	V/VATTCANO	41

SPECIFICATION ON IN/OUTDOOR TEMPERATURE AND HUMIDITY MEASUREMENT

Temperature Display Range:	-40 degree C to 70 degree C
Temperature Resolution:	0.1 degree C
Temperature Operating Range (Main Unit):	-5 degree C to +50 degree C
Temperature Operating Range (Sensor Unit):	-20 degree C to +60 degree C
Temperature Accuracy:	+/-1 degree C
Humidity Display Range:	R.H. 1% to 99%
Humidity Resolution:	1%
Humidity Accuracy:	+/-5% (within 25% - 80% at 25 C)
RF Transmission Frequency:	433 Mhz
RF Transmission range:	Maximum 30 meters (Open Area)

Main Unit is powered by AAA batteries × 4 pcs.
Outdoor Thermo-hygrometer is powered by AA batteries × 2 pcs.

EC-DECLARATION OF CONFORMITY

Product: SWS 101

This product contains the approved transmitter and complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directives, if used for its intended use and that the following standard(s) has/have been applied:

Efficient use of radio frequency spectrum
(Article 3.2 of the R&TTE Directive)
EN 300 220-2, V2.1.1:2006
EN 300 330-2, V1.3.1:2006

Electromagnetic compatibility
(Article 3.1.b of the R&TTE Directive)
EN 301 489-03, V1.4.1:2002
EN 301489-1, V1.6.1:2005

Electromagnetic compatibility
(Article 3.1.a of the R&TTE Directive)
EN 50371:2002

Low voltage directive
applied standard(s)

EN 60950-1:2006

Additional information:
The product is therefore conform with the Low Voltage Directive 73/23/EC, the EMC Directive 89/336/EC and R&TTE Directive 1999/5/EC (appendix II) and carries the respective CE marking.

RTTE Compliant Countries:

All EU countries, Switzerland (CH)
Aud Norway (N)

CE

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE Fast ČR, a.s. declares that SWS 101 conform to the basic requirements and other relevant provisions of the directive 1999/5/ES. The declaration of conformity is a part of the user's manual or can be found at the website www.sencor.eu.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

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Revision 05/2013

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit **www.sencor.eu** for detailed information about authorized service centers.